

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. ISSUED BY: Office of Naval Research 875 N. Randolph Street Suite 1425 Arlington VA 22203-1995	
				3b. CFDA: 12.300	
4. AWARD NO.: N00014-16-1-2301		5. MODIFICATION NO.: P00003		6. MODIFICATION TYPE: IF	
8. ACTIVITY/AGENCY PROPOSAL NO.: GRANT12047378		9. RECIPIENT PROPOSAL NO.:		10. PROPOSAL DATE: 12/03/2015	
13. ISSUED TO 13a. ADDRESS:		13b. CAGE: 97668		13c. ED/EFT NUMBER: N/A	
13d. BUSINESS OFFICE CONTACT: Gregory Smith		13e. TELEPHONE NUMBER: 4122686157		13f. EMAIL ADDRESS: osp-preaward@andrew.cmu.edu	
13a. ADDRESS: CARNEGIE MELLON UNIVERSITY 5000 FORBES AVE PITTSBURGH PA 15213-3815 UNITED STATES OF AMERICA		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13			
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Soft-Matter Sensors and Tactile Skin for Underwater Robot Grippers					
16. FUNDING		ACTIVITY/AGENCY SHARE		17. CURRENT FUNDING PERIOD	
PREVIOUSLY OBLIGATED:				N/A THROUGH N/A	
OBLIGATED BY THIS ACTION:				18. PERIOD OF PERFORMANCE	
TOTAL OBLIGATED ON AWARD:				04/11/2016 THROUGH 03/10/2019	
FUTURE FUNDING:					
GRANT TOTAL:					
19. ACCOUNTING AND APPROPRIATION DATA: See Attached Financial Accounting Data Sheet(s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: Carmel Majidi		21. TECHNICAL REPRESENTATIVE 21a. NAME: THOMAS MCKENNA		21b. CODE: 341	
20b. TELEPHONE NUMBER: 412-268-2492		20c. EMAIL ADDRESS: cmajidi@andrew.cmu.edu		21c. ADDRESS: ONR HUMAN & BIOENGINEERED SYSTEMS 875 N. Randolph Street Arlington VA 22203-1995	
22. AWARDOFFICE CONTACT 22a. NAME: DIANE GALES		22b. CODE: BD255		23a. ADMINISTRATIVE OFFICE: ONR REG Office Chicago Telephone: (312) 886-5423 230 South Dearborn CHICAGO IL 60604-1595	
22c. ADDRESS: Office of Naval Research 875 N. Randolph Street Suite 1425 Arlington VA 22203-1995		22d. TELEPHONE NUMBER: 703-696-2593		22e. EMAIL ADDRESS: DIANE.GALES@NAVY.MIL	
24. SUBMIT PAYMENT REQUEST TO: Same as block 23a		25a. PAYING OFFICE: DFAS-CO/NORTH ENTITLEMENT OPERATIONS HQ0337 PO Box 182266 COLUMBUS OH 43128		26a. PATENT OFFICE: Office of Naval Research ATTN: ONR BDCC One Liberty Center 875 North Randolph Street, Suite 1425 Arlington, VA 22203-1995	
25b. CODE: HQ0337		25c. CODE: N00014		26b. CODE: N00014	

AWARD NO. N00014-16-1-2301		AWARD/MODIFICATION		MODIFICATION NO. P00003	
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5					
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx					
Full Delegation					
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.					
DOCUMENT		URL			
<p>The following documents may be found at :</p> <p>http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</p> <p>DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (OCT 2015)</p> <p>UAAC ACCEPTANCE C (NOV 2003)</p> <p>UAWA AWARD A (NOV 2003)</p> <p>STANDARD TERMS/CONDITIONS FOR RESEARCH GRANTS (AGENCY SPECIFIC) (FEB 2015)</p>					
30. OPTIONS	OPTION NO.	AMOUNT		PERIOD	
	(1)				
	(2)				
	(3)				
	(4)				
31. REPORTS: The following reports must be submitted to the indicated addressees, in the indicated quantities, within 90 days following the expiration or termination of the project. Final Technical Reports must have a SF298, Report Documentation Page, accompanying them. Unless otherwise stated in the award/modification, complete Block 12a of the SF298 as follows: "Approved for Public Release; distribution is Unlimited".					
ADDRESSEE		REPORT TYPE		COPIES	
See block #21		Final Technical Report with SF298 Performance /Technical Report (Annually) with SF298		1 1	
See block #23a		Report of Inventions and Subcontracts - DD 882 Final Technical Report transmittal Letter only Performance /Technical Report (Annually) Final Federal Financial Status Report - SF425 - Including Line Item 11		1 1 1 1	
Defense Technical Information Center 8725 John J Kingman Road Ste 0944 Fort Belvoir, VA 22060-6218		Final Technical Report with SF298 Performance /Technical Report (Annually) with SF298		1 1	
See block #26a		Report of Inventions and Subcontracts - DD 882		1	
Naval Research Laboratory ATTN: CODE 5596 4555 Overlook Avenue SW Washington, DC 20375-5320		Final Technical Report Performance /Technical Report (Annually) with SF298		1 1	
32. FOR THE RECIPIENT:			33. FOR THE UNITED STATES OF AMERICA		
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN			33a. SIGNATURE OF AWARDOFFICER Digitally signed by DIANE GALES 1232147012 Dated: 2018.01.19 15:52:58 EST		
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER DIANE GALES	
				33c. DATE SIGNED 01/19/2018	

FINANCIAL ACCOUNTING DATA SHEET- NAVY

1 CONTRACT NUMBER (CRITICAL) N00014-16-1-2301			2 SPIN (CRITICAL)		3 MOD (CRITICAL) P00003			4 PR NUMBER 4720001596							
CLINISLIN	6. LINE OF ACCOUNTING										7. AMOUNT (CRITICAL)			NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A ACRN (CRITICAL)	B APPROPRIATION (CRITICAL)	C SUBHEAD (CRITICAL)	D OBJ CLA	E PARM	F RFM	G SA	H AAA (CRITICAL)	I IT	J PM					K COST CODE
	PROJ UNIT		MCC	PDI &SUF											
	AC	1781319	W1AE	410	00	014	0	050120	2D	000000	000024	159	869	\$40,000.00	
PAGE TOTAL														\$40,000.00	
GRAND TOTAL														\$40,000.00	
PREPARED/AUTHORIZED BY						COMPTROLLER APPROVAL FOR FISCAL DATA AND SIGNATURE									
DATE						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED									
						DATE									

FINANCIAL ACCOUNTING DATA SHEET-NON-NAVY DoD ACTIVITIES

1 CONTRACT NUMBER (CRITICAL) N00014-16-1-2301		2 SPIIN (CRITICAL)		3 MOD (CRITICAL) P00003		4 PR NUMBER 4720001596		
5 CLIN/SLIN	6 ACRN (CRITICAL)	7 ACCOUNTING CITATION				8 AMOUNT (CRITICAL)		NAVY INTERNAL LISE ONLY REF DOCIACRN
						PAGE TOTAL		
						GRAND TOTAL		
PREPARED/AUTHORIZED BY					COMPTROLLER APPROVAL FOR FISCAL DATA AND SIGNATURE			
DATE					BY _____for COMPTROLLER,ONR CONTRACT REVIEWED			

AWARD NO. N00014-16-1-2301	SPECIAL REQUIREMENTS	MODIFICATION NO. P00003	
<p>This page intentionally left blank.</p>			